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# (12) United States Patent Willis et al.

## (54) REFRACTIVE INTRAOCULAR IMPLANT LENS AND METHOD

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#### Related U.S. Application Data

- (63) Continuation-in-part of application No. 10/919,171, filed on Aug. 16, 2004, now Pat. No. 7,008,449, which is a continuation-in-part of application No. 09/774,127, filed on Jan. 30, 2001, now Pat. No. 6.827,738.
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- (52) **U.S. CI.** USPC ....... **623/6.11**; 623/5.14; 623/6.18
- (58) **Field of Classification Search**USPC .................. 623/4.1, 6.11, 6.15, 6.17, 6.38, 6.39, 623/6.4, 6.43, 6.5, 6.21

See application file for complete search history.

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#### (57) ABSTRACT

A refractive intraocular lens (104) and method of locating the lens within the eye and attaching the lens to the iris. The refractive intraocular lens (104) may be attached via a staple (230), a fastener (312), anchor (412) or by the tip of the haptic (118). The intraocular lens (104) works in combination with the human crystalline lens to treat conditions selected from the group consisting of myopia, hyperopia and astigmatism.

# 16 Claims, 23 Drawing Sheets

